# EasyLED Round & Square Bollards
## FXB1Q, FXB1BQ, FXB2Q & FXB2CQ

**BUY AMERICAN ACT COMPLIANT**

**FX LIGHTING™**
A QSSI Company Since 1985

### SOFTLED • BOLLARD • PATHWAY LIGHTING

The FXB1Q and FXB2Q LED Cutoff Bollards with UV-stabilized polycarbonate lenses and sealed optical compartments are designed to replace HID lighting systems up to 70w MH or HPS. These fixtures are ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities.

### HOUSING:
Extruded Aluminum Housing with Flush Mounting Base & Vandal-Resistant Screws, Flat, Dome or Pyramid Tops, Internal Driver Tray for Easy Maintenance.

### LISTING & RATINGS:
CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

### FINISH:
Textured Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

### REFLECTOR:
Reflective White UV-Stabilized Polycarbonate Cone Reflector

### LENS:
Clear UV-Stabilized Polycarbonate or SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens.

### MOUNTING OPTIONS:
Mounting Kit with 8˝ Zinc-Plated Anchor Bolts, Included.

### EASYLED LED:
Aluminum Boards

### WATTAGE:
Array: 16w, System: 17.7w (up to 70w HID equivalent)
Array: 23w, System: 24.8w (up to 70w HID equivalent)
Array: 34w, System: 37.2w (up to 70w HID equivalent)

### DRIVER
Electronic Driver, 120-277V, 50/60Hz or 347V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

### CONTROLS:
Fixtures Ordered with Factory-Installed Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with FX Lighting Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.
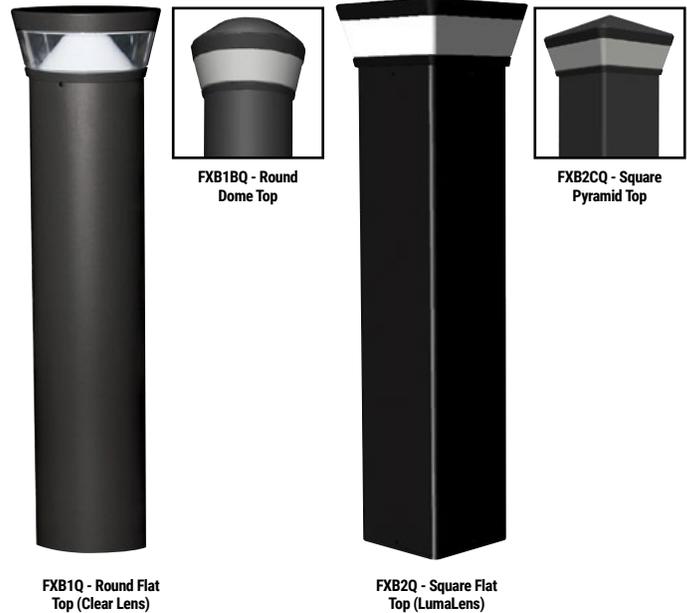
### LIFESPAN:
L70>187,000 Hours

### WARRANTY:
5-Year Warranty for -20°C to +40°C Environment.

See Page 3 for Projected Lumen Maintenance Table.



**FXB1BQ - Round Dome Top**

**FXB2CQ - Square Pyramid Top**

**FXB1Q - Round Flat Top (Clear Lens)**

**FXB2Q - Square Flat Top (LumaLens)**

### AVAILABLE OPTIONS:



**Shown with "S5" Sensor**

**Shown with GFCI**

**IP66**

**CSA** C US

### PROJECT INFORMATION:

Project Name: _____

Fixture Type: _____

Complete Catalog #: _____

Date: _____

Comments: _____

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We have custom and standard manufacturing options. Use this form to build your part number or reach out to our sales team for assistance.

**GET YOUR PRODUCTS FASTER WITH OUR QUICK SHIP PROGRAM**

Multiple USA locations = 98-3-1 Quick Ship Program
98% Fill Rate – 3 Day Lead Time – 1 Piece Minimum Order

### ORDER EXAMPLE

| | Optics | | Driver | | Lens | | Height | |
|---|---|---|---|---|---|---|---|---|
| FXB2CQ | F | 1X34 | U | 4K | C | Z | 30 | SF |
| Series | | Wattage | | CCT | | Color | | Options |

### ORDER CONFIGURATION

| Series | Optics | Wattage | Driver | CCT | Lens | Color | Height | Options |
|---|---|---|---|---|---|---|---|---|
| **FXB1Q**=Round Bollard, Flat Top<br>**FXB1BQ**=Round Bollard, Dome Top<br>**FXB2Q**=Square Bollard, Flat Top<br>**FXB2CQ**=Square Bollard, Pyramid Top | **F**=Wide Beam Spread | **1X16**=16w<br>**1X23**=23w<br>**1X34**=34w | **U**=120-277V<br>**C**=347V*<br>**H**=347-480V♦<br><br>*23w Model Only<br>♦34w Model Only | **3K**=3000K<br>**4K**=4000K | **C**=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens<br>**L**=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens | **Z**=Bronze<br>**B**=Black<br>**C**=Custom (Consult Factory) | **(Leave Blank)**= 34¾″ Standard Height<br>**30**=30″ Height | **SF**=Single Fuse*<br>**DF**=Double Fuse*<br>**SP**=Surge Protection<br>**GF1**=GFCI Outlet, 15A, 120V<br>**S5**=Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See FXP17125 Spec. Page for Details.<br>**BU**=Battery Backup,90 Minutes*<br>**BUC**=Cold Start Battery Backup, -20°C, 90 Minutes*<br><br>*120-277V Models Only. |
| | F | | | | | | | |

### Mounting Accessories
**(Order Separately, Field Installed)**

| Options | Description |
|---|---|
| FXBOLAN4 | Mounting Kit, Includes Bracket & Three (3) 4″ Zinc-Plated Anchor Bolts |
| FXBOLAN8 | Mounting Kit, Includes Bracket & Three (3) 8″ Zinc-Plated Anchor Bolts |
| FXBOLAN12 | Mounting Kit, Includes Bracket & Three (3) 12″ Zinc-Plated Anchor Bolts |
| FXBOLAN15 | Mounting Kit, Includes Bracket & Three (3) 15″ Zinc-Plated Anchor Bolts |
| FXBREBASE* | Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all FX Lighting Bollards. Die Cast with Powdercoat Finish, Hardware Included. 11½″ Dia. x 1½″ H |

*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)

**FXBOLAN**   **FXBREBASE***

*Shown Mounted

### Accessories
**(Order Separately, Field Installed)**

| Options | Description |
|---|---|
| FXP17126 | Remote Programming Tool for FXP17125 |

**FXP17126**

### Replacement Parts
**(Order Separately, Field Installed)**

| Options | Description |
|---|---|
| FXP17125 | Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See FXP17125 Spec. Page for Details. |
| FXBORBASE* | Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating. Fits FXB1. |
| FXBOSBASE* | Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating. Fits FXB2 |
| FXBOADP1 | Adapter Plate with Gaskets for Outlet Boxes. Fits FX Lighting Round Bollards. Die Cast with Bronze Powdercoat Finish. |

*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)
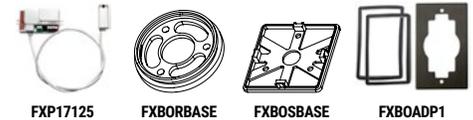
**FXP17125**   **FXBORBASE**   **FXBOSBASE**   **FXBOADP1**

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# EasyLED Round & Square Bollards
## FXB1Q, FXB1BQ, FXB2Q & FXB2CQ

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## FXB1Q PHOTOMETRIC DATA

| Wattage (Catalog Logic) | | 16W(1X16) | 23W (1X23) | 34W(1X34) |
|---|---|---|---|---|
| Input Watts | | 17.7W | 24.8W | 37.2W |
| Lumen Package | CCT | Delivered Lumens | | |
| FXB1Q Clear Polycarbonate Type V Optic | 3000K | 1,406 | 1,968 | 2,952 |
| | 4000K | 1,525 | 2,135 | 3,202 |
| | BUG Rating | B1-U3-G1 | B1-U3-G1 | B1-U3-G1 |
| FXB1Q LumaLens Type V Optic | 3000K | 899 | 1,258 | 1,888 |
| | 4000K | 975 | 1,365 | 2,047 |
| | BUG Rating | B1-U3-G1 | B1-U3-G1 | B1-U4-G2 |

## FXB2Q PHOTOMETRIC DATA

| Wattage (Catalog Logic) | | 16W(1X16) | 23W (1X23) | 34W(1X34) |
|---|---|---|---|---|
| Input Watts | | 17.7W | 24.8W | 37.2W |
| Lumen Package | CCT | Delivered Lumens | | |
| FXB2Q Clear Polycarbonate Type V Optic | 3000K | 1,432 | 2,005 | 3,008 |
| | 4000K | 1,554 | 2,175 | 2,175 |
| | BUG Rating | B1-U3-G1 | B1-U3-G1 | B1-U4-G1 |
| FXB2Q LumaLens Type V Optic | 3000K | 864 | 1,210 | 1,816 |
| | 4000K | 938 | 1,313 | 1,969 |
| | BUG Rating | B0-U3-G1 | B1-U3-G1 | B1-U4-G2 |

## FXB1Q & FXB2Q PROJECTED LUMEN MAINTENANCE

| Data shown for 4000 CCT | | | Compare to MH | | | |
|---|---|---|---|---|---|---|
| TM-21-11 | Input Watts | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated LED Life |
| L70 Lumen Maintenance @ 25°C / 77°F | All wattages up to and including 34w | 1.00 | 0.96 | 0.92 | 0.84 | 187,000 |
| L70 Lumen Maintenance @ 50°C / 122°F | | 1.00 | 0.93 | 0.87 | 0.73 | 113,000 |
| L80 Lumen Maintenance @ 40°C / 104°F | | 1.00 | 0.97 | 0.93 | 0.86 | 144,000 |

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

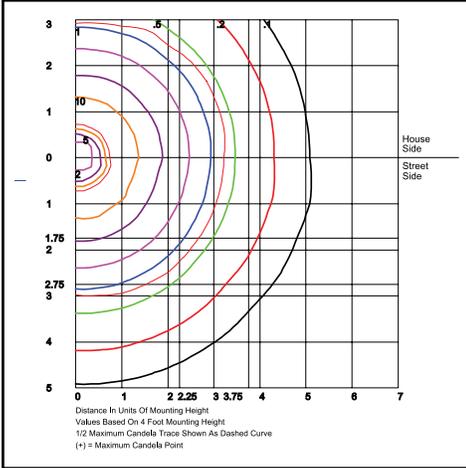**FXLSolutions.com** · (800) 533-2789 · info@FXLSolutions.com

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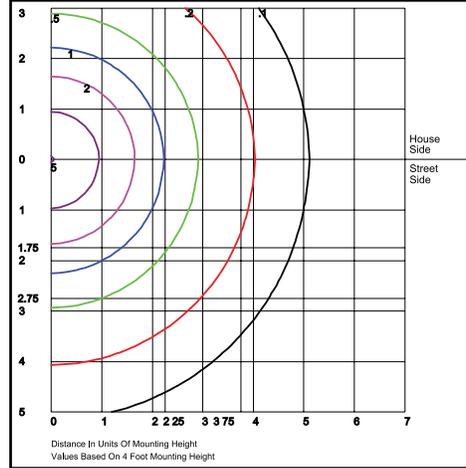## FXB1Q, FXB1BQ, FXB2Q & FXB2CQ

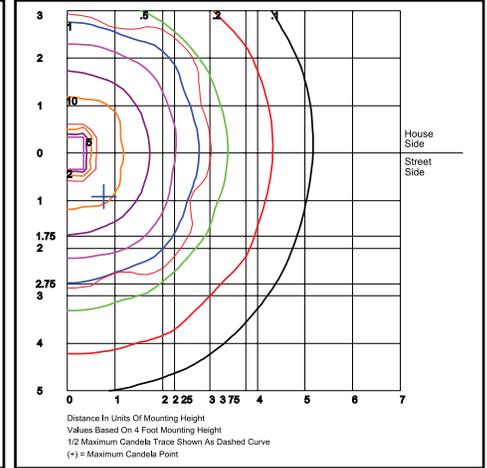SOFTLED • BOLLARD • PATHWAY LIGHTING
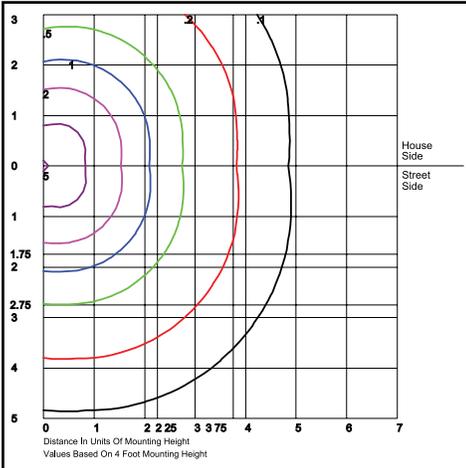
## FXB1Q & FXB2Q DISTRIBUTION



**FXB1QF1X34U4KC & FXB1BQF1X34U4KC**
**Type V, Clear Lens**
Grid in feet, Mounting Height = 4 ft.



**FXB1QF1X34U4KL & FXB1BQF1X34U4KL**
**Type V, LumaLens**
Grid in feet, Mounting Height = 4 ft.



**FXB2QF1X34U4KC & FXB2CQF1X34U4KC**
**Type V, Clear Lens**
Grid in feet, Mounting Height = 4 ft.



**FXB2QF1X34U4KL & FXB2CQF1X34U4KL**
**Type V, LumaLens**
Grid in feet, Mounting Height = 4 ft.

Information provided is subject to change. Please verify all details with FX Lighting. All values are designed to standard industry values when measured under laboratory conditions, and FX Lighting makes no warranty or guarantee, expressed or implied, that such performance will be obtained under end-use conditions.
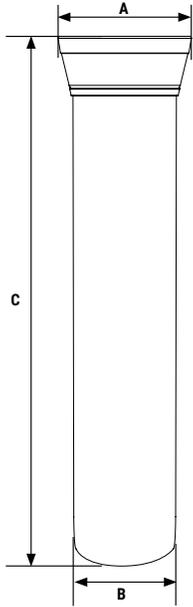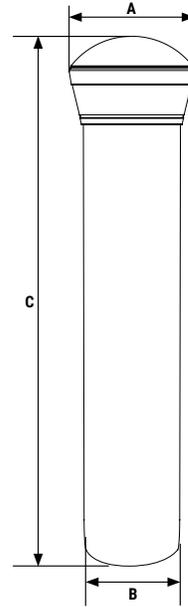
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# EasyLED Round & Square Bollards
## FXB1Q, FXB1BQ, FXB2Q & FXB2CQ

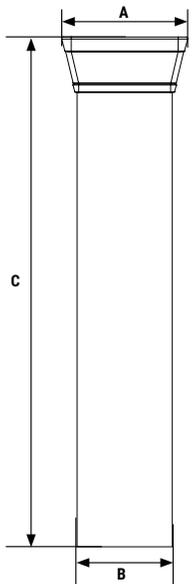SOFTLED • BOLLARD • PATHWAY LIGHTING

## FXB1Q & FXB2Q DIMENSIONAL DATA

### FXB1Q Round Flat Pillar Top Dimensions

| | |
|---|---|
| **Diameter (A)** | 9¼˝ (234mm) |
| **Diameter (B)** | 7˝ (180mm) |
| **Height (C)** | 35¾˝ (908mm) |

### FXB1BQ Round Flat Dome Pillar Dimensions

| | |
|---|---|
| **Diameter (A)** | 9⅛˝ (233mm) |
| **Diameter (B)** | 7˝ (178mm) |
| **Height (C)** | 38⅛˝ (968mm) |

### FXB2Q Square Flat Pillar Top Dimensions

| | |
|---|---|
| **Length² (A)** | 9¼˝ (236mm) |
| **Length² (B)** | 7˝ (178mm) |
| **Height (C)** | 35¾˝ (908mm) |
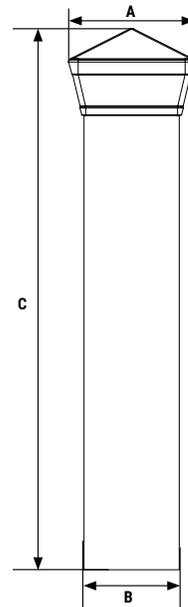
### FXB2CQ Square Pyramid Pillar Top Dimensions

| | |
|---|---|
| **Length² (A)** | 9¼˝ (236mm) |
| **Length² (B)** | 7˝ (178mm) |
| **Height (C)** | 38⅛˝ (968mm) |

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